

Listing of the Claims

1-70: (Canceled)

71. (Previously Presented) The interface of claim 82, wherein said interface couples said second subsystem with plural first subsystems, each of said plural first subsystems monitoring a respective premises.

72. (Canceled)

73. (Previously Presented) The interface of claim 71, wherein said information storage means stores information related to said premises monitored by said first subsystem further comprises:

means for storing (1) information related to said respective premises monitored by each one of said plural first subsystems and (2) network addresses at which each one of said plural first subsystems may be accessed.

74. (Previously Presented) The interface of claim 73, and further comprising:

means for relaying control and/or configuration data generated by said second subsystem to a selected one of said plural first subsystems after said occurrence of said alarm event thereat.

75-81: (Canceled)

82. (Currently Amended) For a security system which includes a first subsystem for managing monitoring of a premises and a second subsystem for displaying information, collected by said first subsystem while managing monitoring of said premises, said second subsystem remotely located relative to said first subsystem, an interface for coupling said first subsystem and said second subsystem, said interface comprising:

means for storing non-potential alarm specific information related to said premises monitored by said first subsystem, said non-potential alarm specific information useful in determining how to respond to potential alarm condition data;

means for receiving potential alarm condition data from said first subsystem, said potential alarm condition data related to a first alarm event detected by said first subsystem;

means for relaying said potential alarm condition data to said second subsystem, said potential alarm condition data received from said first subsystem and relayed to said second subsystem comprised of an alarm notification and a real-time stream of video and/or audio data;

[[and]]

means for transmitting said stored non-potential alarm specific information to said second subsystem;

means for receiving pre-alarm and/or non-alarm video and/or audio data from said first subsystem;

means for storing said pre-alarm and/or non-alarm video and/or audio data from said first subsystem; and

means for permitting, if said interface receives said alarm notification, said second subsystem to access said stored pre-alarm and/or non-alarm video and/or audio data for a pre-determined period of time after receipt of said alarm notification.

83. (Previously Presented) The interface of claim 82, and further comprising:

means for constructing an alarm history from said potential alarm condition data received from said first subsystem during one or more alarm events which includes said first alarm event;

said storage information means further comprising means for storing said alarm history constructed from said potential alarm condition data received from said first subsystem in connection with one or more alarm events which includes said first alarm event; and

said transmitting means further comprising means for transmitting said alarm history constructed from said potential alarm condition data received from said first subsystem in connection with one or more alarm events which includes said first alarm event.

84. (Previously Presented) The interface of claim 83, wherein:

said information storage means further comprises means for storing customer information associated with said premises; and

said transmitting means further comprises means for transmitting said customer information associated with said premises to said second subsystem.

85. (Previously Presented) The interface of claim 84, wherein said customer information includes one or more of the following: contact information, billing information and/or passwords for said premises and wherein said transmitting means transmits said contact information, billing information and/or passwords for said premises to said second subsystem.

86. (Previously Presented) The interface of claim 85, and further comprising means for relaying control and/or configuration information from said second subsystem to said first subsystem.

87. (Previously Presented) The interface of claim 86, and further comprising means for enabling said second subsystem to relay control and/or configuration information to said first subsystem for a pre-determined period of time after receipt of said potential alarm condition data.

88-90: (Canceled)

91. (Currently Amended) The interface of claim [[90]] 82, and further comprising:

means for constructing an alarm history from said alarm condition data received from said first subsystem during one or more alarm events which includes said first alarm event;

said information storage means further comprising means for storing said alarm history constructed from said potential alarm condition data received from said first subsystem in connection with one or more alarm events which includes said first alarm event; and

said transmitting means further comprising means for transmitting (1) said potential alarm condition data received from said first subsystem in connection with said first alarm event and (2) said alarm history constructed from said alarm condition data received from said first subsystem in connection with one or more alarm events which includes said first alarm event.

92 (Previously Presented) The interface of claim 91, wherein:

said means for storing pre-alarm condition data further comprises means for storing customer information associated with said premises; and

said means for transmitting further comprises means for transmitting said customer information associated with said premises to said second subsystem.

93. (Previously Presented) The interface of claim 92, wherein said customer information includes one or more of the following: contact information, billing information and/or passwords for said premises and wherein said transmitting means transmits said contact information, billing information and/or passwords for said premises to said second subsystem.

94. (Currently Amended) For a security system which includes a security gateway for monitoring a premises and a monitoring client for displaying information collected by said security gateway, said monitoring client remotely located relative to said security gateway, a security system server remotely located relative to said security gateway and to said monitoring client and coupled to said security gateway and said monitoring client over a network, said security system server comprising:

an automation system server, said automation system server using potential alarm condition data received from said security gateway to produce a log of said alarm events detected by said security gateway; and

a media handler, said media handler (1) storing pre-alarm video and/or non-alarm video and/or audio data received from said security gateway, (2) receiving an alarm notification and a real-time stream of alarm video and/or audio data from said security gateway, (3) relaying said

real-time stream of alarm video and/or audio data to said monitoring client and (4) upon receipt of said alarm notification, permitting said monitoring client to access said stored pre-alarm and/or non-alarm video and/or audio data for a pre-determined period of time after relaying said real-time stream of alarm video and/or audio data to said monitoring client.

95-96: (Canceled)

97. (Currently Amended) The security server of claim [[96]] 94, and further comprising said media handler (5) relaying control and configuration data from said monitoring client to said security gateway for a pre-determined period of time after relaying said real-time stream of alarm video and/or audio data to said monitoring client.

98. (Previously Presented) The security server of claim 97, and further comprising said automation system server transmitting said alarm history constructed from said alarm condition data to said monitoring client.

99. (Previously Presented) The security server of claim 98, and further comprising said automation system server transmitting customer information associated with said premises to said monitoring client.

100. (Previously Presented) The security server of claim 99, wherein said customer information includes one or more of the following: contact information, billing information and/or passwords for said premises.

101. (New) For a security system which includes a first subsystem for managing monitoring of a premises and a second subsystem for displaying information, collected by said first subsystem while managing monitoring of said premises, said second subsystem remotely located relative to said first subsystem, an interface for coupling said first subsystem and said second subsystem, said interface comprising:

means for receiving potential alarm condition data from said first subsystem, said potential alarm condition data related to a first alarm event detected by said first subsystem;

means for relaying said potential alarm condition data to said second subsystem, said potential alarm condition data received from said first subsystem and relayed to said second subsystem comprised of an alarm notification and a real-time stream of video and/or audio data;

means for receiving pre-alarm and/or non-alarm video and/or audio data received from said first subsystem;

means for storing said pre-alarm and/or non-alarm video and/or audio data from said first subsystem; and

means for permitting said second subsystem to access said stored pre-alarm and/or non-alarm video and/or audio data for a pre-determined period of time.

102. (New) The interface of claim 101, wherein the permitting means allows access to said stored pre-alarm and/or non-alarm video and/or audio data only if said interface receives said alarm notification from said first subsystem.

103. (New) The interface of claim 102, and further comprising:

means for constructing an alarm history from said alarm condition data received from said first subsystem during one or more alarm events which includes said first alarm event;

said information storage means further comprising means for storing said alarm history constructed from said potential alarm condition data received from said first subsystem in connection with one or more alarm events which includes said first alarm event; and

said transmitting means further comprising means for transmitting (1) said potential alarm condition data received from said first subsystem in connection with said first alarm event and (2) said alarm history constructed from said alarm condition data received from said first subsystem in connection with one or more alarm events which includes said first alarm event.

104. (New) For a security system which includes a first subsystem for managing monitoring of a premises and a second subsystem for displaying information, collected by said first subsystem while managing monitoring of said premises, said second subsystem remotely located relative to said first subsystem, an interface for coupling said first subsystem and said second subsystem, said interface comprising:

means for receiving potential alarm condition data from said first subsystem, said potential alarm condition data related to a first alarm event detected by said first subsystem;

means for relaying said potential alarm condition data to said second subsystem, said potential alarm condition data received from said first subsystem and relayed to said second subsystem comprised of an alarm notification and a real-time stream of video and/or audio data;

means for receiving pre-alarm and/or non-alarm video and/or audio data received from said first subsystem;

means for storing said pre-alarm and/or non-alarm video and/or audio data from said first subsystem; and

means for permitting said second subsystem to access said stored pre-alarm and/or non-alarm video and/or audio data if said interface receives said alarm notification from said first subsystem.

105. (New) The interface of claim 104, and further comprising:

means for constructing an alarm history from said alarm condition data received from said first subsystem during one or more alarm events which includes said first alarm event;

said information storage means further comprising means for storing said alarm history constructed from said potential alarm condition data received from said first subsystem in connection with one or more alarm events which includes said first alarm event; and

said transmitting means further comprising means for transmitting (1) said potential alarm condition data received from said first subsystem in connection with said first alarm event and (2) said alarm history constructed from said alarm condition data received from said first subsystem in connection with one or more alarm events which includes said first alarm event.